

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product ISE Cleaner Kit
Product Code 1411
Issued Date 2012/01/18
Product Type/Use In-Vitro Medical Diagnostics.

Supplier
 Vital Diagnostics
 27 Wellington Road
 Lincoln, Rhode Island 02865
 U.S.A.

Telephone Numbers
Emergency Tel.
 Americas: 1-760-476-3962
 Europe, Middle East and Asia: 1-760-476-3961
 Asia Pacific: 1-760-476-3960
 Global response access code: 333483

Manufactured For:
 PSS World Medical Inc.
 4345 Southpoint Blvd.
 Jacksonville, FL 32216

Telephone/Fax Number
 Tel: 1-401-642-8400
 Fax: 1-800-345-2822

Contact Details
msds@vitaldiagnostics.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation Description

This kit contains one aqueous reagent and one powder component.

Name	CAS	EINECS	Proportion	Hazard	R Phrase
Reagent 1 (R1)					
Pepsin	9001-75-6	2326293	< 0.5%	Xi, Xn	R36/R37/R38, R42
Reagent 2 (R2)					
Hydrochloric Acid (0.5N)	7647-01-0	2315957	< 0.2%	C, Xi	R34, R37
Ammonium bifluoride (0.5N)	1341-49-7	2156764	< 0.2%	T, C	R25, R34
Water and other constituents determined not to be hazardous	-	-	Balance	-	-

3. HAZARDS IDENTIFICATION

Human Health Hazards

May cause irritation to skin, eyes and respiratory tract.
Large doses may cause nausea, vomiting and diarrhea if ingested.

Safety Hazards

No specific hazards under normal use conditions.

Environmental Hazards

No specific hazards under normal use conditions.

Other Information

N/A

4. FIRST AID MEASURES

Inhalation

Remove to fresh air. If necessary, seek medical attention.

Skin

Remove contaminated clothing and wash affected skin with soap and water for 15min. Seek medical attention.

Eye

Flush eye (including under eyelids) with water for at least 15min. If necessary, seek medical attention.

Ingestion

Wash out mouth with water. Drink copious amounts of water. Do not induce vomiting. Seek medical attention.

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards

Not considered to be a significant fire or explosion hazard.

Extinguishing Media

Use extinguishing media suitable for surrounding environment.

Protective Equipment

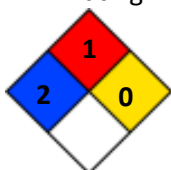
Proper protective equipment.

Hazardous Combustion Products

Thermal decomposition of this product's components may produce carbon oxides and nitrogen oxides.

Other Information

NFPA rating:



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin and eyes. Wear safety glasses or full face shield if splashes are likely to occur. Handle with gloves. Avoid inhalation. Wear a mask if inhalation of mists or particles may occur.

Environmental Precautions

Contain spill to prevent migration.

Spills & Disposal

Absorb liquid and place in container suitable for disposal. Avoid generation of mists during clean up. Comply with applicable waste disposal regulations.

7. HANDLING AND STORAGE

Handling

Keep containers closed when not in use. Avoid contact with skin and eyes. Do not ingest. Wash hands thoroughly after handling

Storage

Store in original containers. Store at ambient temperature before mixing; store at 2-8°C after mixing

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits

No Exposure Limit Established

Other Exposure Information

No Biological Limit Value allocated.

Eng. Controls

Normal room ventilation is adequate for use.

Respiratory Protection

Under normal conditions, the use of this product should not require respiratory protection.

Eye Protection

Safety glasses or chemical goggles should be worn to prevent eye contact.

Body Protection

Impervious gloves should be worn to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Form

R1: White to yellow powder

R2: Clear liquid

Odour

R1 & R2: Odourless.

Odour Threshold

Not applicable.

pH Value	Not established.
Vapour Pressure	Not established.
Boiling Point	Not established.
Melting Point	Not established.
Solubility in Water	Water-soluble
Solubility in Organic Solvents	Not applicable.
Specific Gravity (H₂O=1)	Not established.
Flash Point	Not flammable.
Flammable Limits	Not applicable.
Auto-Ignition Temperature	Not applicable.
Kinematic Viscosity	Not established.
Evaporation Rate	Not established.
Vapour Density (Air=1)	Not established.

10. STABILITY AND REACTIVITY

Conditions to Avoid

Data not available.

Materials to Avoid

Data not available.

Hazardous Decomposition Products

Data not available.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicology data available on product.

Acute Toxicity - Oral

Data not available.

Acute Toxicity - Dermal

Data not available.

Acute Toxicity - Inhalation

Data not available.

Eye Irritation

May cause irritation.

Skin Irritation

May cause irritation.

Respiratory Irritation

May cause irritation.

Skin Sensitisation

Product not known to cause skin sensitisation.

Carcinogenicity

Product not known to cause cancer.

Mutagenicity

Product not known to cause mutagenicity.

Reproductive Toxicity

Product not known to cause reproductive toxicity.

12. ECOLOGICAL INFORMATION

Ecological Information

No ecotoxicological data for this product.

Mobility

Data not available.

Persistence / Degradability

Data not available.

Bioaccumulation

Data not available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of waste product, unused product and contaminated packaging in compliance with national and local regulations. If unsure of the applicable requirements, contact the authorities for information.

14. TRANSPORT INFORMATION

Transport Information

Not dangerous for transport under DOT, IMO, and IATA/ICAO codes.

IMDG Hazard Class

None Allocated

IMDG Packing Group

None Allocated

IATA Hazard Class

None Allocated

IATA Packing Group

None Allocated

DOT Packing Group

None Allocated

15. REGULATORY INFORMATION

TSCA (USA)	All components listed.
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California Proposition 65

Not listed.

SARA (313) Chemicals

Not listed.

16. OTHER INFORMATION

SDS History

Date prepared: 2012-01-18

List of R Phrases in Section 2

R36/R37/R38: Irritating to eyes, respiratory system and skin.

R42: May cause sensitisation by inhalation.

R34: Causes burns.

R37: Irritating to respiratory system.

R25: Toxic if swallowed.

... End Of SDS ...